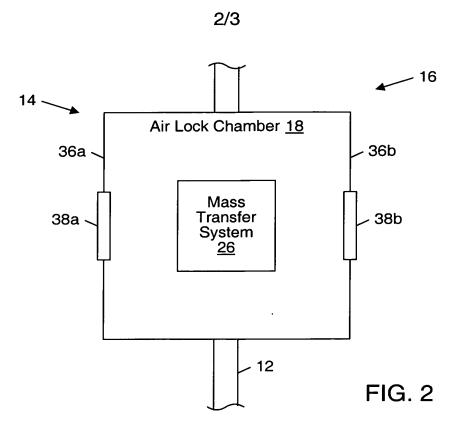
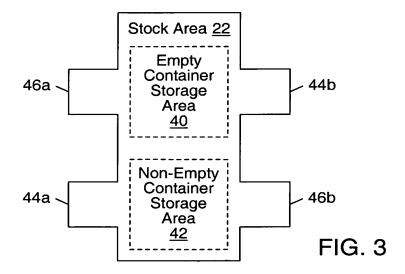
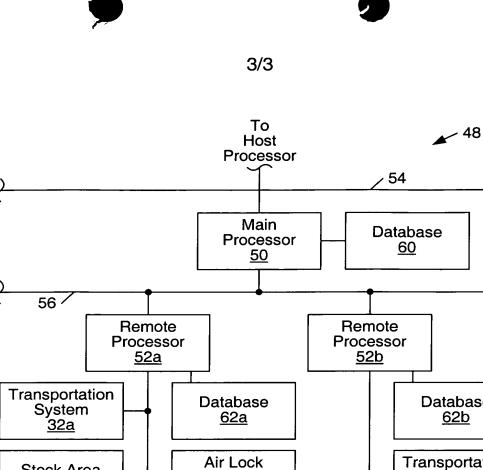


FIG. 1









Database Transportation Stock Area Chamber System 32b <u>22a</u> <u>18a</u> Stock Area Stock Area Air Lock 22b <u>22c</u> Chamber 18d Stock Area Robotic Arm <u>20a</u> Mass Transfer <u>22d</u> System 26a Robotic Arm Robotic Arm <u>20b</u> <u>20c</u> Mass Transfer System 26d Robotic Arm 58a <u>20d</u> 58a

FIG. 4